

FORM PTO-1390  
(REV 10-94)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

20039.0005USWO

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

Unknown 20/580906

INTERNATIONAL APPLICATION NO.

PCT/JP2004/017996

INTERNATIONAL FILING DATE

26 November 2004

PRIORITY DATE CLAIMED

26 November 2003

TITLE OF INVENTION

RECEPTOR FUNCTION REGULATING AGENT

APPLICANT(S) FOR DO/EO/US

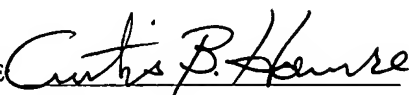
FUKATSU et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, references.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Application Data Sheet (7 pages), 8 sheets of formal drawings, paper sequence listing, electronic sequence listing (floppy disk), Communication regarding Computer Readable Sequence Listing, Communication regarding Inventor Change of Address, PCT Request, International Form: Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure, International Publication Page WO 2005/051373, Form PCT/ISA/210, Form PCT/IB/301, Form PCT/IB/304, Form PCT/IB/308

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown <b>10/580906</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/017996		ATTORNEY'S DOCKET NUMBER 20039.0005USWO	
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>					
<input checked="" type="checkbox"/> a) Basic National fee.....\$300				\$300	
<input checked="" type="checkbox"/> b) Examination fee.....\$200				\$200	
<input checked="" type="checkbox"/> c) Search fee.....\$500				\$500	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000</b>	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional set of 50 sheets, more than 100 sheets	Rate		
350	-100 = 250	/50 = 5	X \$250	\$1250	
Surcharge of \$130 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	26	-20 = 6	X \$50	\$300	
Independent claims	14	-3 = 11	X \$200	\$2200	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$0	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$4750</b>	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$0	
<b>SUBTOTAL =</b>				<b>\$4750</b>	
Processing fee of \$130 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$0	
<b>TOTAL NATIONAL FEE =</b>				<b>\$4750</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				+ \$40	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$4750 &amp; \$40</b>	
				Amount to be: refunded \$	
				charged \$	
<p>a. <input checked="" type="checkbox"/> Check(s) in the amount of <b>\$4750 &amp; \$40</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge the amount of \$ to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:          Douglas P. Mueller          Hamre, Schumann, Mueller &amp; Larson, P.C.          P.O. Box 2902-0902          Minneapolis, MN 55402</p> <p style="text-align: right;">SIGNATURE           NAME: Curtis B. Hamre          REGISTRATION NUMBER: 29,165</p>					

10/580906

# 10/580906 **UNITED STATES PATENT AND TRADEMARK OFFICE** 26 MAY 2006

Applicant: FUKATSU et al.  
 Attorney Docket: 20039.0005USWO  
 Title: RECEPTOR FUNCTION REGULATING AGENT

## CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV 858805145 US

Date of Deposit: May 26, 2006

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: Abbie Larkin

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**52835**

PATENT TRADEMARK OFFICE

Commissioner:

The following papers are transmitted herewith:

- ☒ Transmittal sheet, in duplicate, containing Certificate Under 37 CFR 1.10;
- ☒ National Stage Patent Application including: Description - 333 pages; 26 Claims - 8 pages; Abstract - 1 page; Drawings - 8 sheets (formal); Sequence Listing
- ☒ Signed Combined Declaration and Power of Attorney;
- ☒ Assignment of the invention to TAKEDA PHARMACEUTICAL COMPANY LIMITED, Recordation Form Cover Sheet, a check for \$40.00 to cover the Assignment Recording Fee.
- ☒ Application Data Sheet - 7 pages;
- ☒ Check in the amount of \$4750 to cover the filing fee calculated below;
- ☒ Other: Form PTO 1390, electronic sequence listing (floppy disk), Communication regarding Computer Readable Sequence Listing, Communication regarding Inventor Change of Address, PCT Request, International Form: Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure, International Publication Page WO 2005/051373, Form PCT/ISA/210, Form PCT/IB/301, Form PCT/IB/304, Form PCT/IB/308
- ☒ Return postcard

## CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate (\$)	Fee (\$)
Total Claims	26	20	6 x	50	300
Independent Claims	14	3	11 x	200	2200
Multiple Dependent Claims Fee					0
Basic Filing Fee					300
Search Fee					500
Examination Fee					200
Utility Application Size Fee	350	100	250/50= 5	x 250	1250
Total					\$4750

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.  
 P.O. Box 2902-0902 Minneapolis, MN 55402  
 612.455-3800

By: 

Name: Curtis B. Hamre  
 Reg. No.: 29,165  
 Initials: CBH/acp

(PTO TRANSMITTAL - NEW FILING)